

1" Tube Weld Groove Data
 ID = 1.125"
 OD = 1.25"
 Depth = .065"

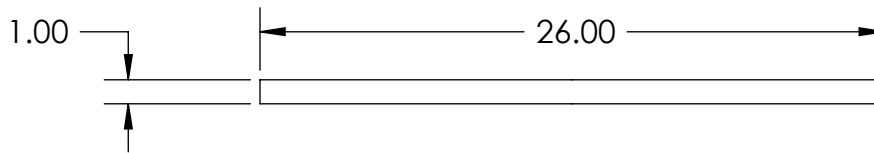
1.33" CF Weld Groove Data
 ID = .875"
 OD = 1.00"
 Depth = .065"

Ø 1.00 8.00 Ø .75

Ø 1.50 Ø 10.63

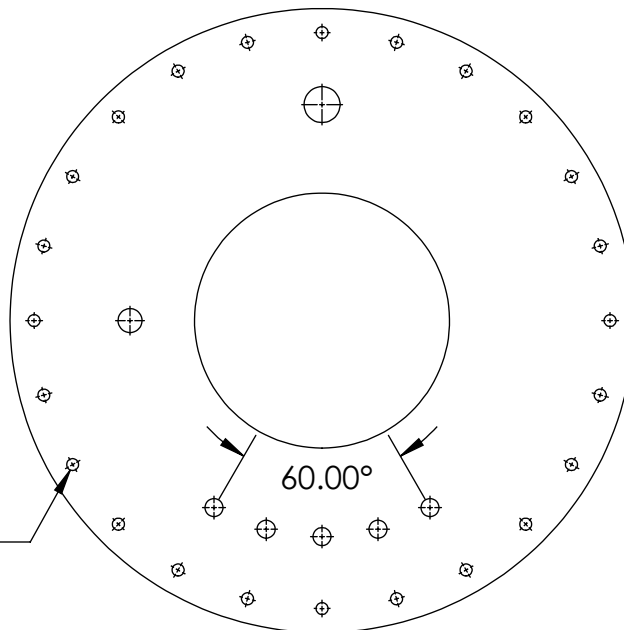
2.75" CF Weld Groove Data
 ID = 1.625"
 OD = 1.75"
 Depth = .065"

10.625" Tube Weld Groove Data
 ID = 10.75"
 OD = 10.875"
 Depth = .065"



Feedthrough Ports on 18" BC

24x 1/2" Clearance Holes
 On 24" BC

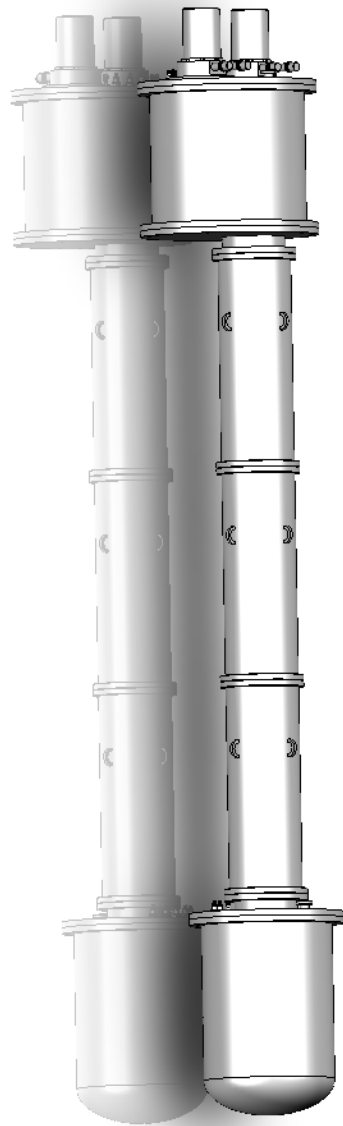


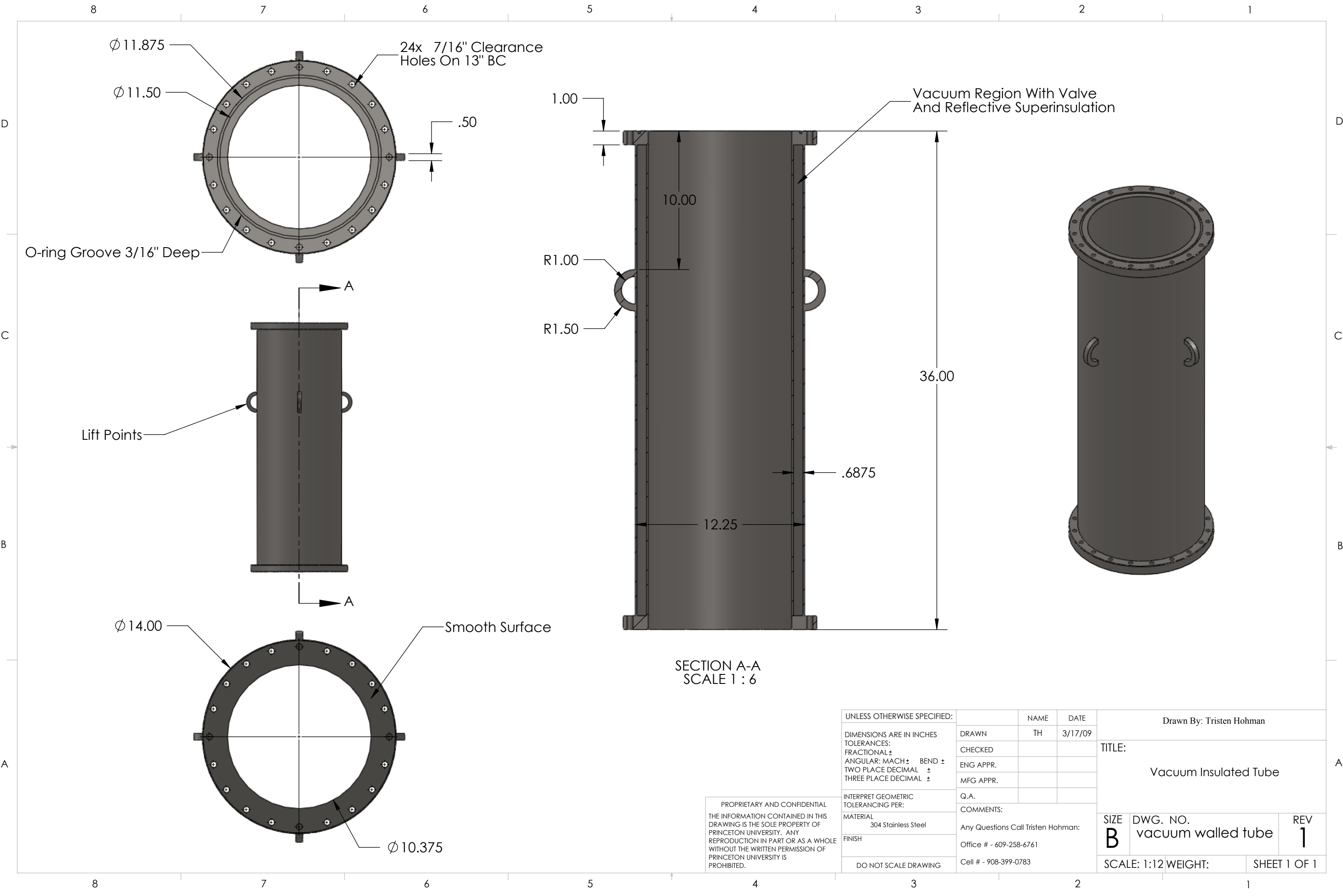
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DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	
MATERIAL 304 Stainless Steel	
FINISH	
DO NOT SCALE DRAWING	

NAME	DATE
DRAWN TH	4/10/09
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	
COMMENTS: Any Questions Call Tristen Hohman: Office # - 609-258-6761 Cell # - 908-399-0783	

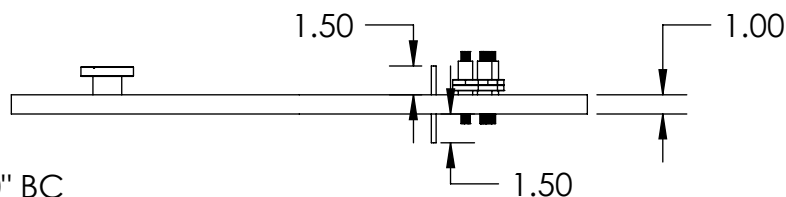
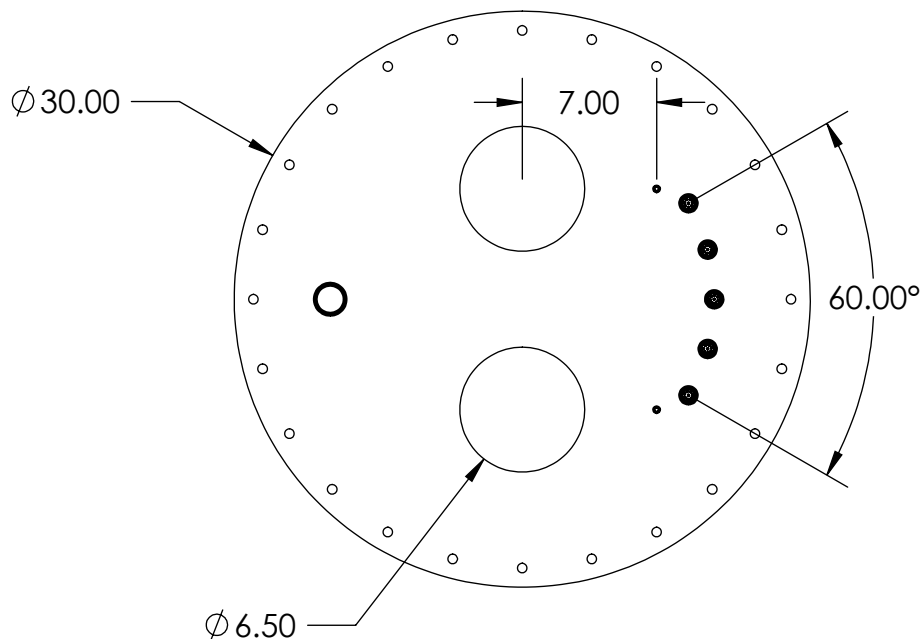
Drawn By: Tristen Hohman		
Blank Flange for Bottom Dewar Lid		
SIZE A	DWG. NO. bottom medium dewar lid blank	REV. 1
SCALE:1:12	WEIGHT:	SHEET 1 OF 1





UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Drawn By: Tristen Hohman					
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN	TH	3/17/09	TITLE: Vacuum Insulated Tube					
	CHECKED								
	ENG APPR.								
	MFG APPR.								
	Q.A.								
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:			SIZE B					
MATERIAL 304 Stainless Steel	Any Questions Call Tristen Hohman:						DWG. NO. vacuum walled tube		REV 1
FINISH	Office # - 609-258-6761								
DO NOT SCALE DRAWING	Cell # - 908-399-0783			SCALE: 1:12 WEIGHT:		SHEET 1 OF 1			

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Feedthrough Ports on 20" BC

24x 1/2" Clearance Holes
On 28" BC

5x 1.33" CF 8-Pin Electrical
Feedthroughs

2.75" CF Vacuum
Feedthrough

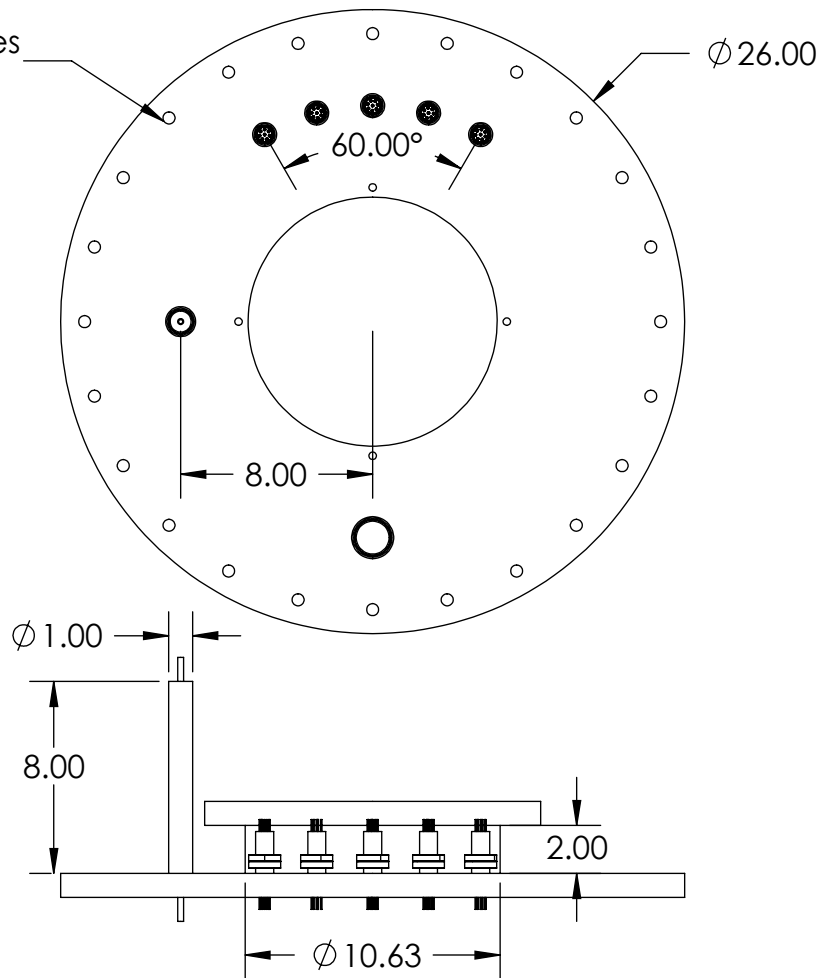
12x 7/16"-14 Tapped Holes
On 10.236" BC (.75" Deep)

.25" OD Tube .035" Wall

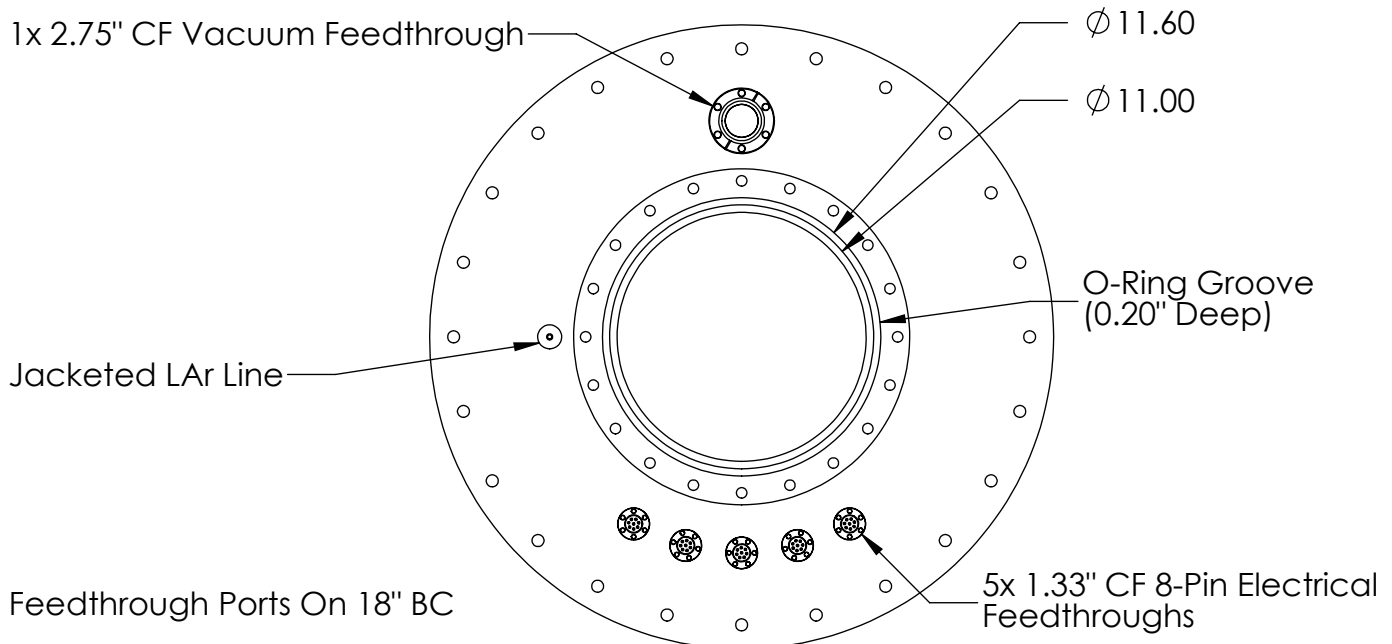
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		NAME	DATE	Drawn By: Tristen Hohman		
	DRAWN	TH	4/10/09	<div>Assembled Top Flange for Top Dewar</div>		
	CHECKED					
	ENG APPR.					
	MFG APPR.					
MATERIAL 304 Stainless Steel	Q.A.			<div>SIZE A DWG. NO. REV. 1</div> <div>top dewar top flange assem</div> <div>SCALE:1:16 WEIGHT: SHEET 1 OF 1</div>		
FINISH	COMMENTS:					
	Any Questions Call Tristen Hohman:					
	Office # - 609-258-6761					
DO NOT SCALE DRAWING	Cell # - 908-399-0783					

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24x 1/2" Clearance Holes
On 24" BC



1x 2.75" CF Vacuum Feedthrough



Jacketed LAr Line

Feedthrough Ports On 18" BC

5x 1.33" CF 8-Pin Electrical
Feedthroughs

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DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL \pm
ANGULAR: MACH \pm BEND \pm
TWO PLACE DECIMAL \pm
THREE PLACE DECIMAL \pm

MATERIAL
304 Stainless Steel

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	TH	4/10/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		
Any Questions Call Tristen Hohman:		
Office # - 609-258-6761		
Cell # - 908-399-0783		

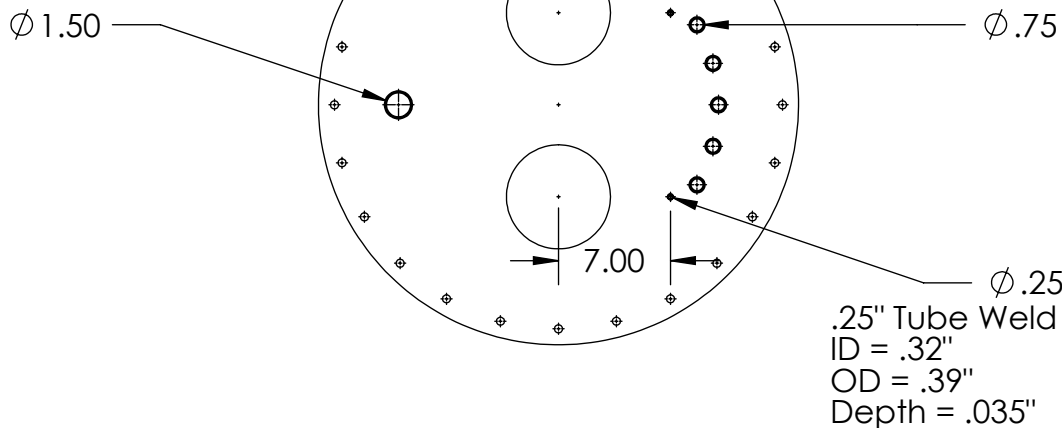
Drawn By: Tristen Hohman

Assembled Top Flange for
Bottom Dewar

SIZE	DWG. NO.	REV.
A	medium bottom dewar flange assem	1
SCALE: 1:12		WEIGHT:
		SHEET 1 OF 1

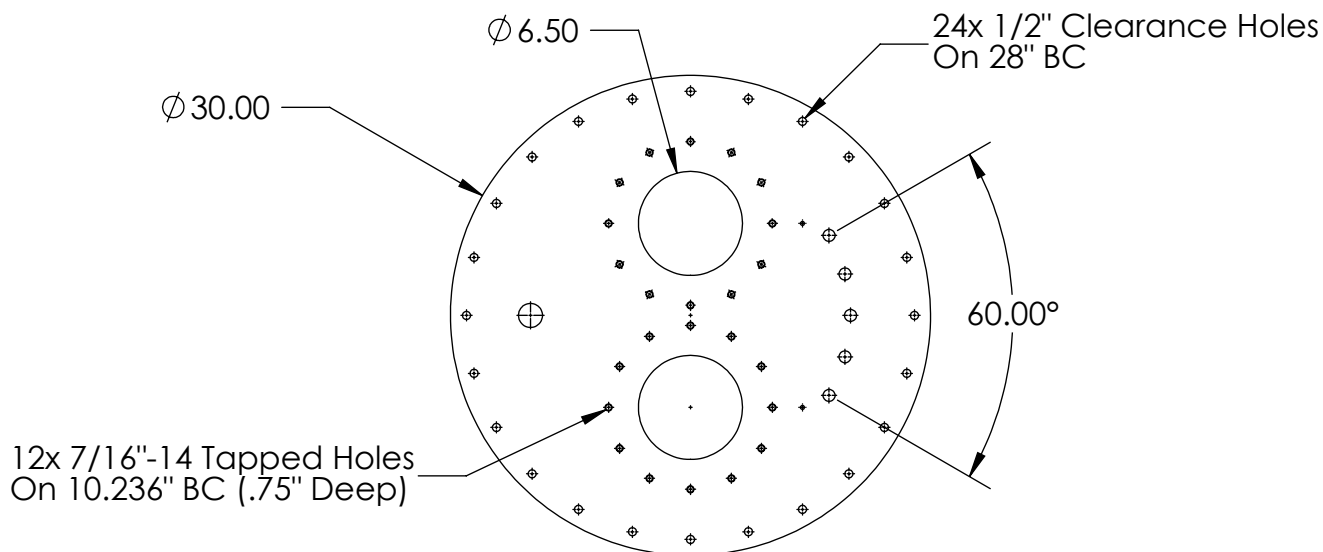
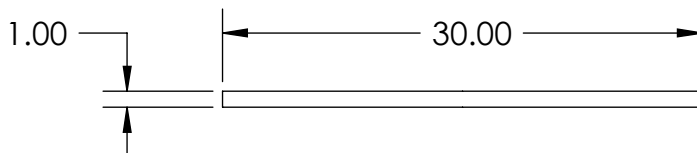
2.75" CF Weld Groove Data
ID = 1.625"
OD = 1.75"
Depth = .065"

1.33" CF Weld Groove Data
ID = .875"
OD = 1.00"
Depth = .065"



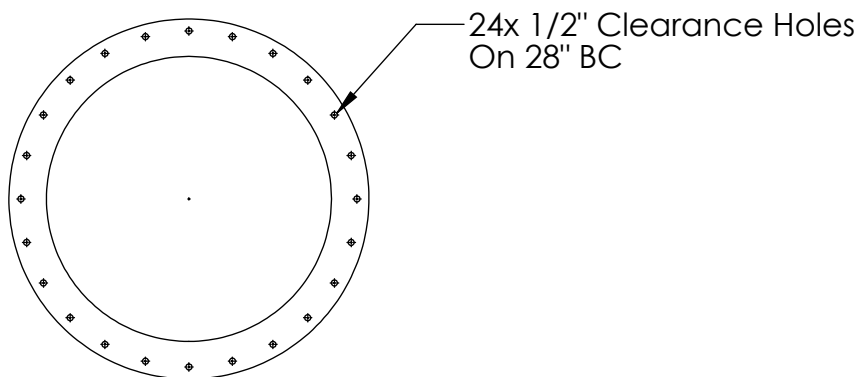
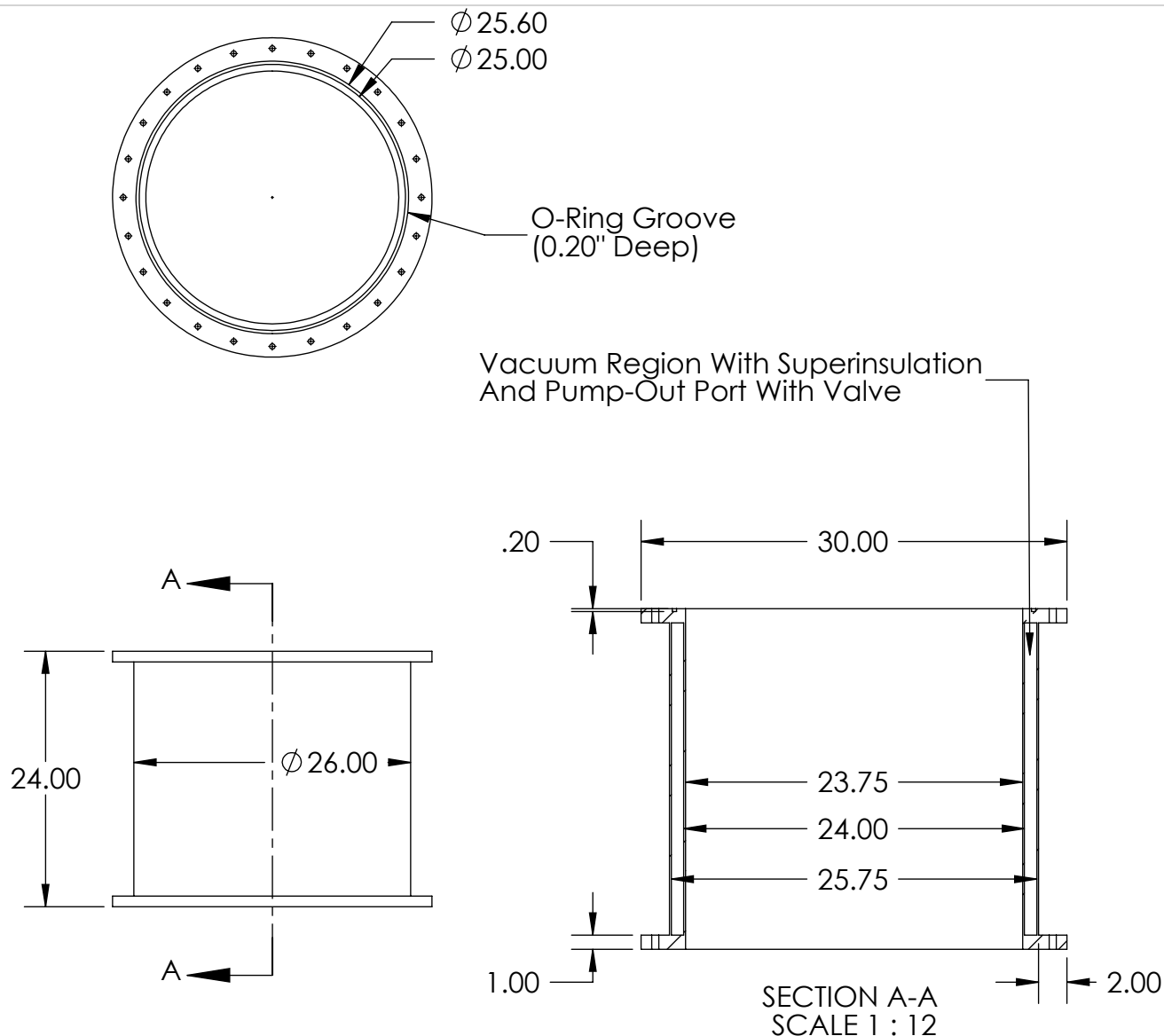
.25" Tube Weld Groove Data
ID = .32"
OD = .39"
Depth = .035"

Feedthrough Ports On 20" BC



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		DRAWN	TH			4/10/09
		CHECKED				
		ENG APPR.				
		MFG APPR.				
MATERIAL		Q.A.		Blank Flange for Top Lid of Top Dewar		
304 Stainless Steel						
FINISH		COMMENTS:				
DO NOT SCALE DRAWING		Any Questions Call Tristen Hohman:				
		Office # - 609-258-6761				
		Cell # - 908-399-0783		SIZE A DWG. NO. large top dewar lid 2 condensers blank REV. 1		
		SCALE:1:16 WEIGHT:		SHEET 1 OF 1		



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DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL \pm
ANGULAR: MACH \pm BEND \pm
TWO PLACE DECIMAL \pm
THREE PLACE DECIMAL \pm

MATERIAL
304 Stainless Steel

FINISH

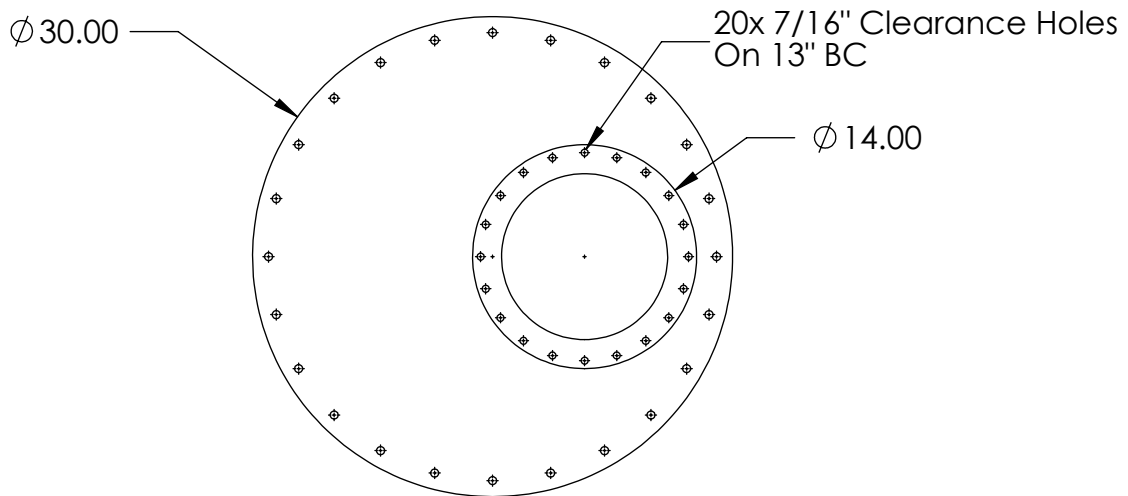
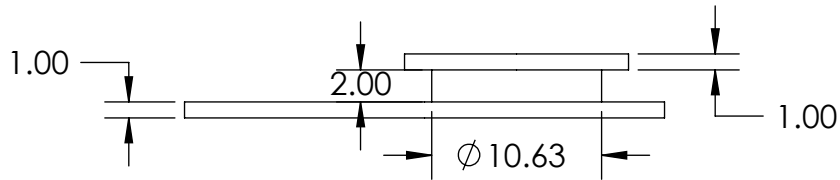
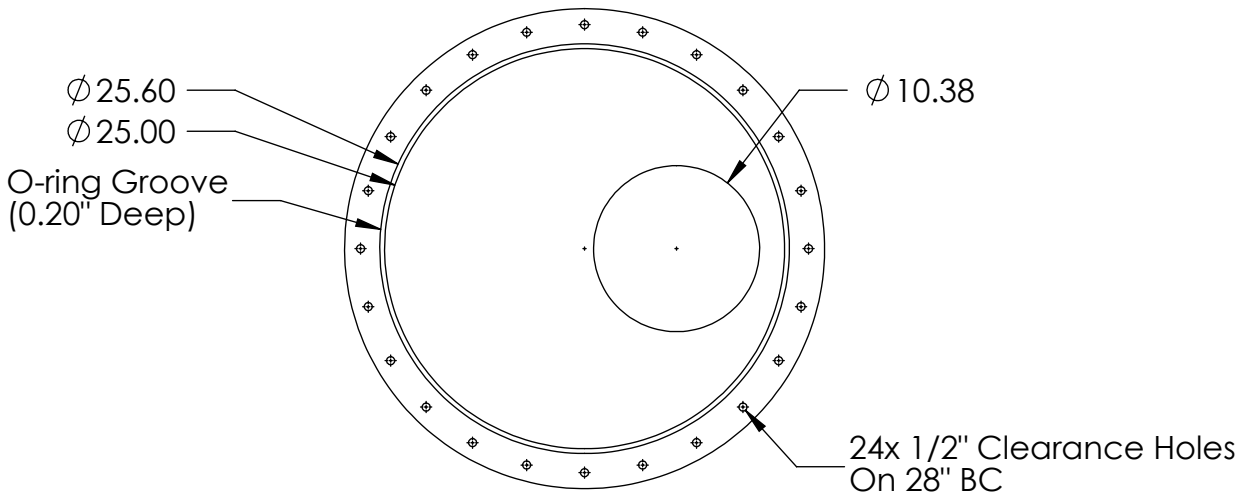
DO NOT SCALE DRAWING

NAME	DATE
DRAWN TH	4/10/09
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	
COMMENTS:	
Any Questions Call Tristen Hohman:	
Office # - 609-258-6761	
Cell # - 908-399-0783	

Drawn By: Tristen Hohman

Top Dewar Section for Two Condensers

SIZE	DWG. NO.	REV.
A	large top dewar for two condensers	1
SCALE: 1:16	WEIGHT:	SHEET 1 OF 1



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DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL \pm
 ANGULAR: MACH \pm BEND \pm
 TWO PLACE DECIMAL \pm
 THREE PLACE DECIMAL \pm

MATERIAL
 304 Stainless Steel

FINISH

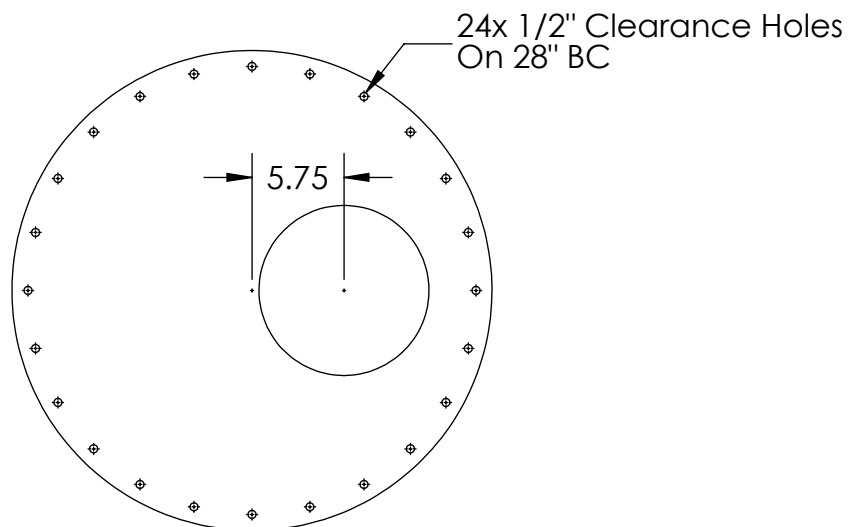
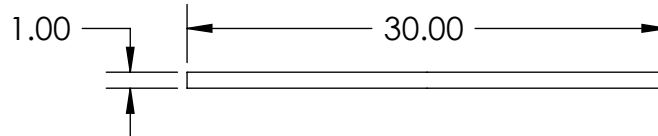
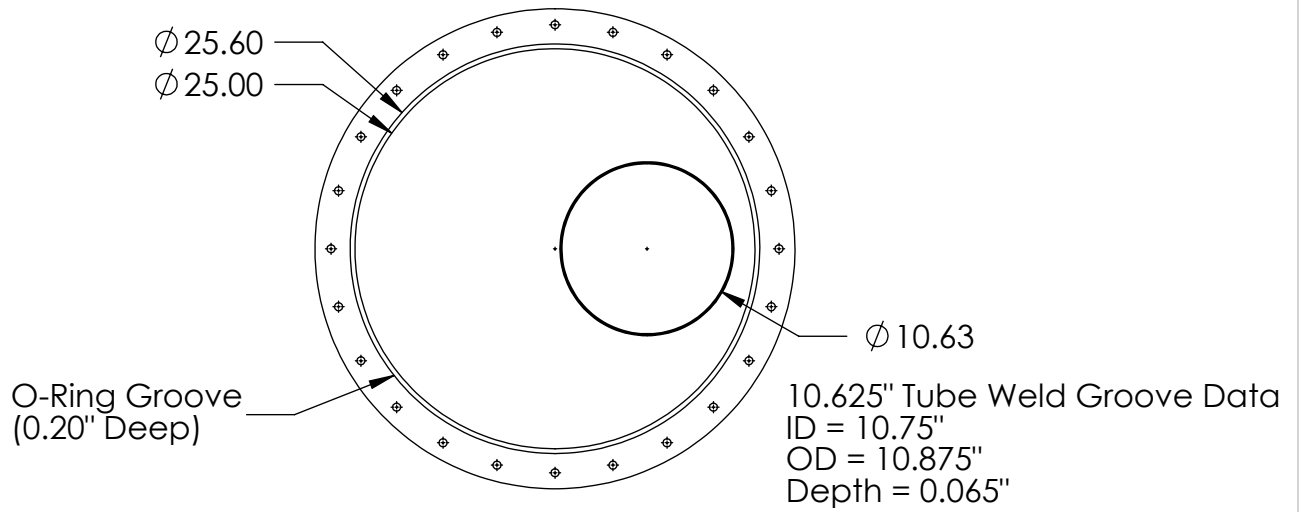
DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	TH	4/13/09
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		
Any Questions Call Tristen Hohman:		
Office # - 609-258-6761		
Cell # - 908-399-0783		

Drawn By: Tristen Hohman

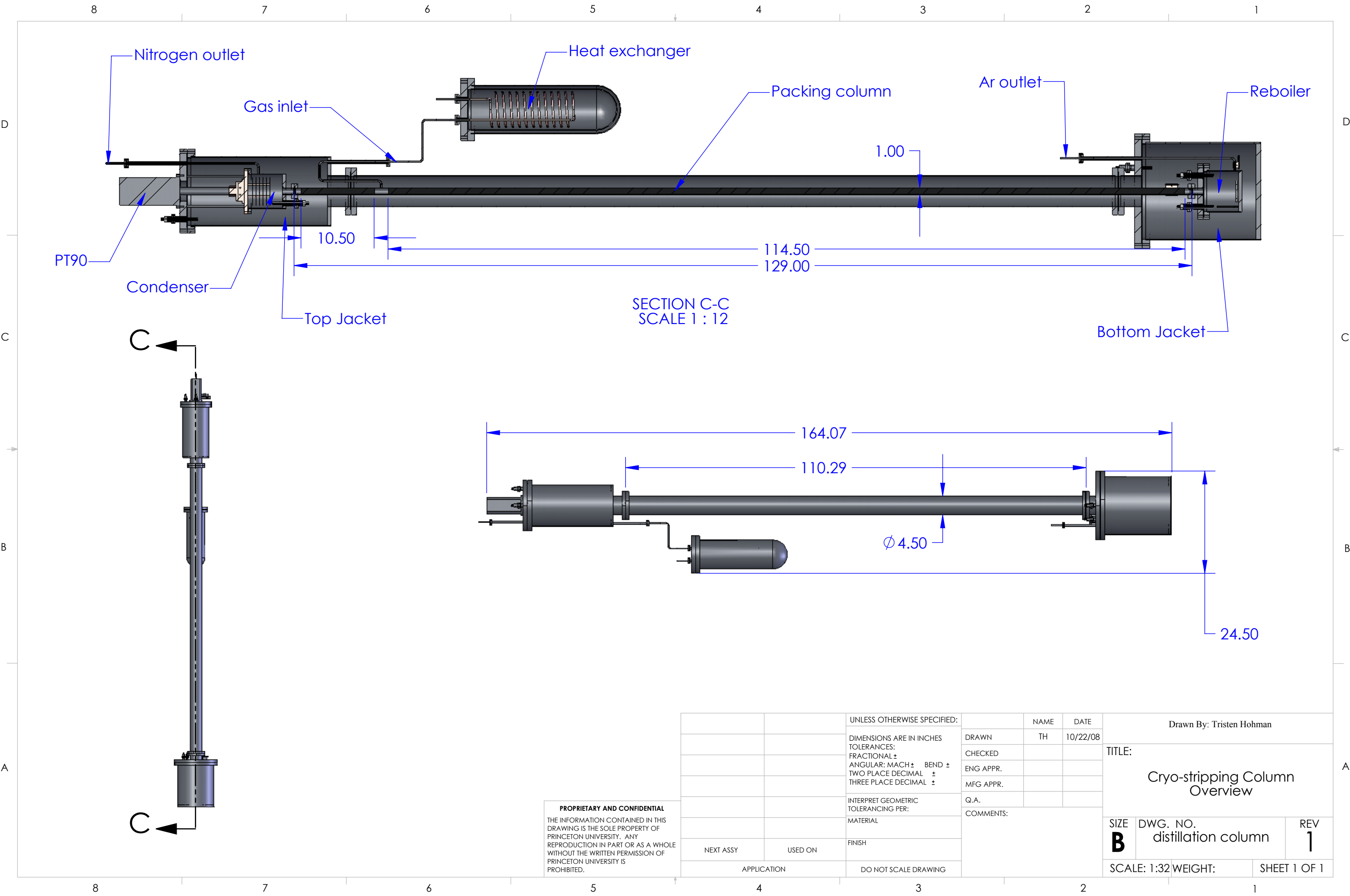
Assembled Bottom Flange for Large Top Dewar

SIZE	DWG. NO.	REV.
A	large top dewar bottom flange 2 condensers	1
SCALE: 1:16	WEIGHT:	SHEET 1 OF 1



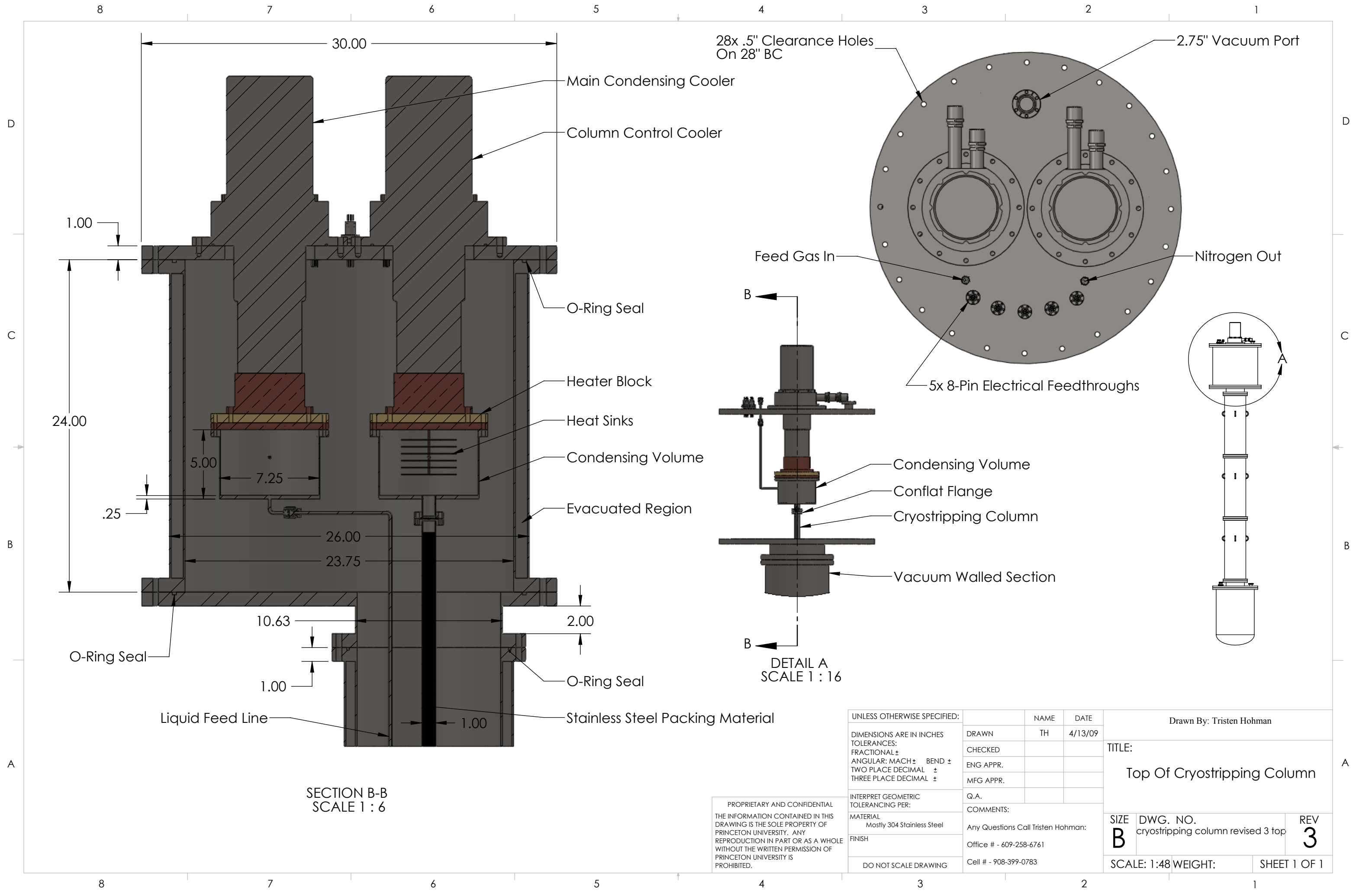
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		DRAWN	TH			4/13/09
		CHECKED				
		ENG APPR.				
		MFG APPR.				
MATERIAL	304 Stainless Steel	Q.A.		Blank Bottom Flange for Large Top Dewar		
FINISH	COMMENTS: Any Questions Call Tristen Hohman: Office # - 609-258-6761					
DO NOT SCALE DRAWING		Cell # - 908-399-0783				
SIZE		DWG. NO.	REV.			
A		large top dewar bottom flange 2 condensers blank	1			
SCALE:1:16		WEIGHT:		SHEET 1 OF 1		



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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Drawn By: Tristen Hohman		
		DIMENSIONS ARE IN INCHES	DRAWN	TH	10/22/08	TITLE: Cryo-stripping Column Overview		
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±						
		THREE PLACE DECIMAL ±						
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE DWG. NO. REV B distillation column 1		
		MATERIAL	COMMENTS:					
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:32	WEIGHT:	SHEET 1 OF 1

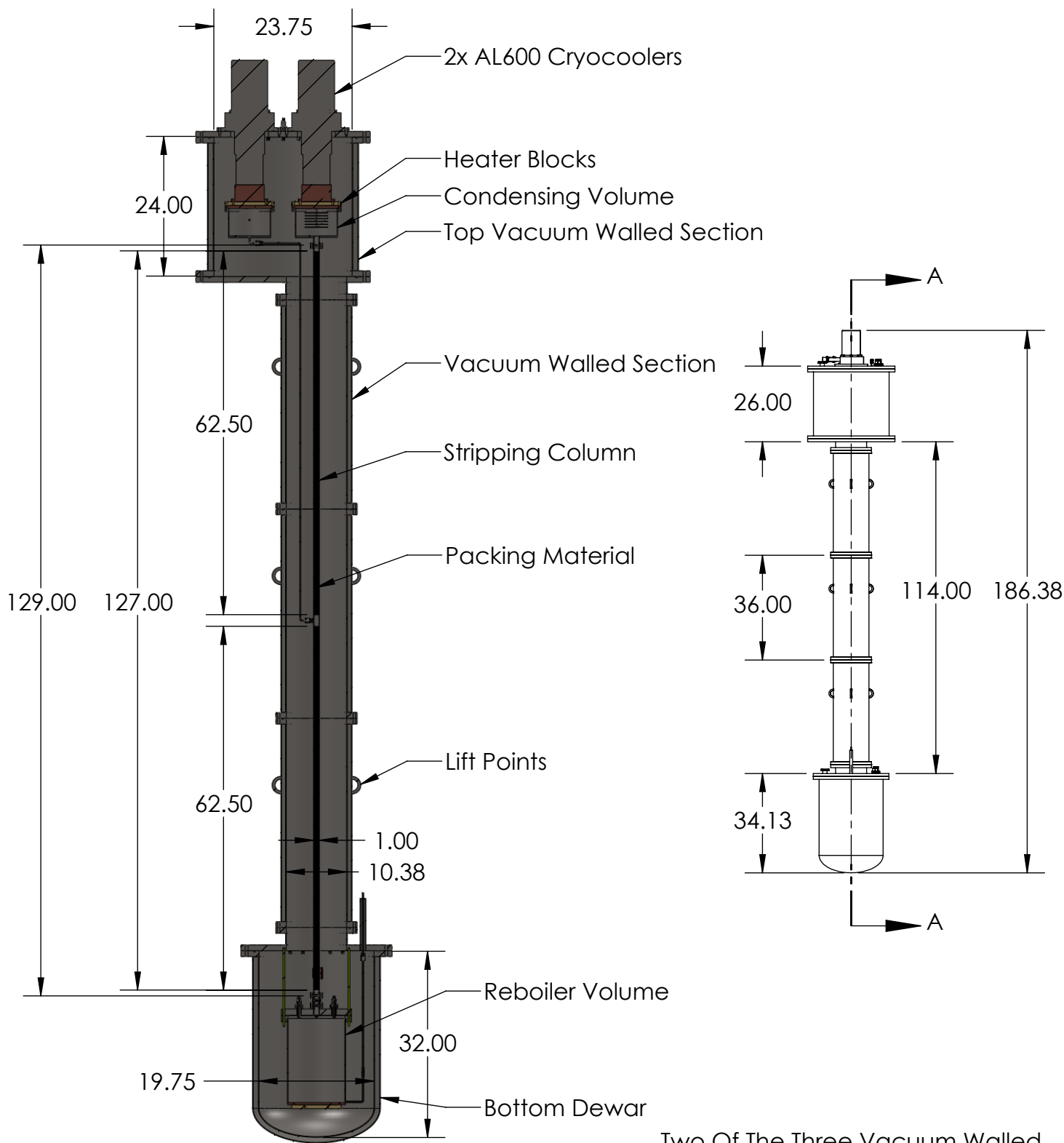


SECTION B-B
SCALE 1 : 6

DETAIL A
SCALE 1 : 16

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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Drawn By: Tristen Hohman			
DIMENSIONS ARE IN INCHES		DRAWN	TH	4/13/09	TITLE: Top Of Cryostripping Column		
TOLERANCES:		CHECKED					
FRACTIONAL ±		ENG APPR.					
ANGULAR: MACH ± BEND ±		MFG APPR.					
TWO PLACE DECIMAL ±							
THREE PLACE DECIMAL ±							
INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.			SIZE B		
MATERIAL		COMMENTS:		DWG. NO.			REV
Mostly 304 Stainless Steel		Any Questions Call Tristen Hohman:		cryostripping column revised 3 top			3
FINISH		Office # - 609-258-6761					
DO NOT SCALE DRAWING		Cell # - 908-399-0783		SCALE: 1:48			WEIGHT:

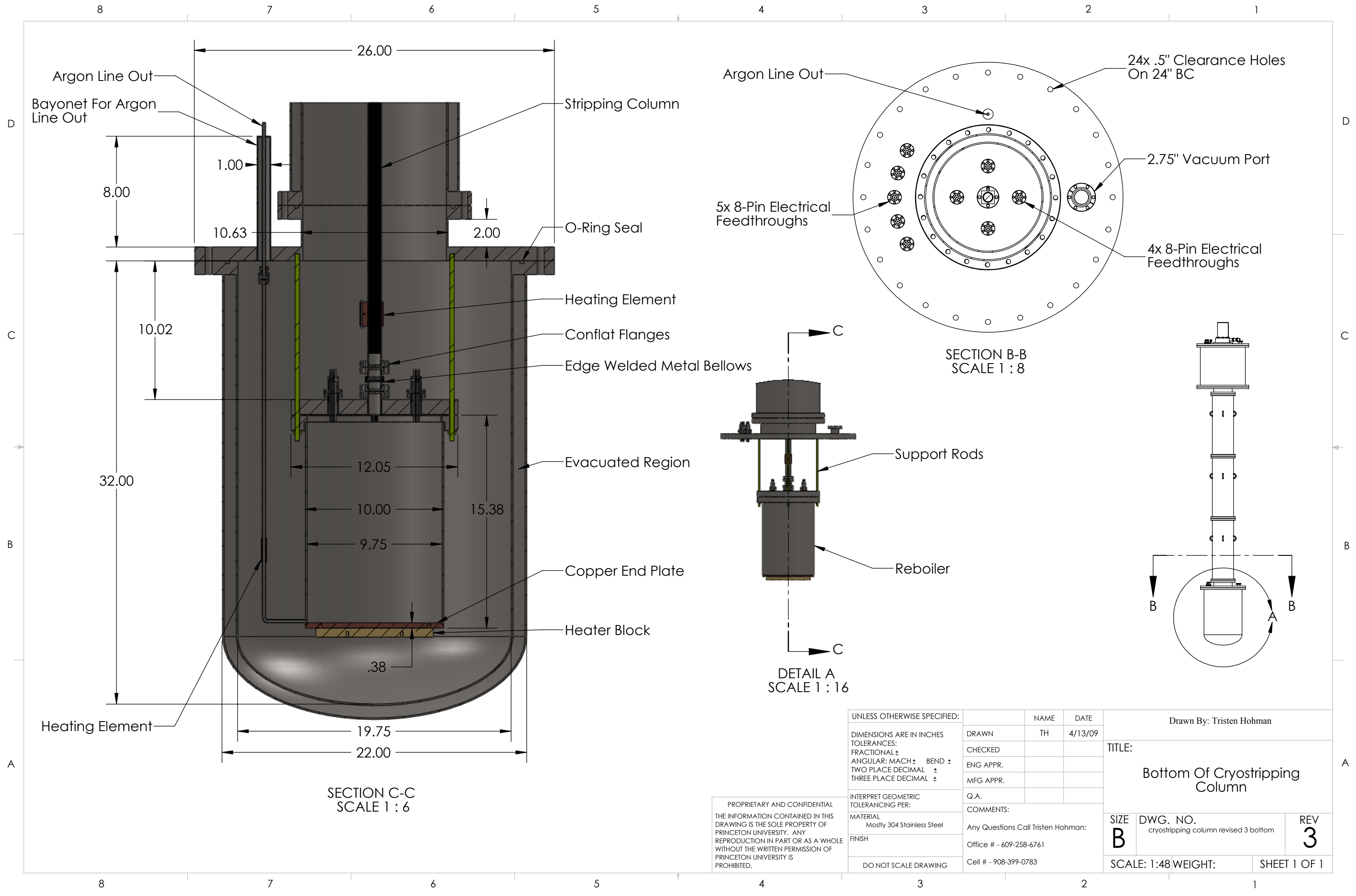


SECTION A-A
SCALE 1 : 24

Two Of The Three Vacuum Walled
Sections Will Be Supplied Along
With The 2 AL600 Cryocoolers And
The Three Heater Blocks.

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TOLERANCES:		DRAWN		TH		4/13/09	
FRACTIONAL ±		CHECKED					
ANGULAR: MACH ± BEND ±		ENG APPR.					
TWO PLACE DECIMAL ±		MFG APPR.					
THREE PLACE DECIMAL ±		Q.A.					
MATERIAL		Main View of Cryostripping Column					
Mostly 304 Stainless Steel							
FINISH							
		COMMENTS:					
		Any Questions Call Tristen Hohman:					
		Office # - 609-258-6761					
		Cell # -908-399-0783					
DO NOT SCALE DRAWING		SIZE		DWG. NO.		REV.	
		A		cryostripping column revised 3		3	
		SCALE: 1:48		WEIGHT:		SHEET 1 OF 1	



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TOLERANCES:	
FRACTIONAL ±	
ANGULAR: MACH ±	BEND ±
TWO PLACE DECIMAL ±	
THREE PLACE DECIMAL ±	
INTERPRET GEOMETRIC TOLERANCING PER:	
MATERIAL	Mostly 304 Stainless Steel
FINISH	
DO NOT SCALE DRAWING	

NAME	DATE
TH	4/13/09
DRAWN	
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	
COMMENTS:	
Any Questions Call Tristen Hohman:	
Office # - 609-258-6761	
Cell # - 908-399-0783	

Drawn By: Tristen Hohman		
TITLE:		
Bottom Of Cryostripping Column		
SIZE	DWG. NO.	REV
B	cryostripping column revised 3 bottom	3
SCALE: 1:48		WEIGHT:
		SHEET 1 OF 1